

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application Serial No. ....09/704,186  
Filing Date ..... 10/31/2000  
Inventor..... Bhalchandra S. Pandit, et al.  
Group Art Unit .....2135  
Examiner ..... Wu, Allen S.  
Attorney's Docket No. .... MS1-611US  
Confirmation No.....3152  
Title: Improved Hashing Using Multiple Sub-Hashes

**RESPONSE TO OFFICE ACTION DATED APRIL 22, 2004** RECEIVED  
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To: Commissioner for Patents  
PO Box 1450  
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JUN 22 2004  
**OFFICIAL**

From: Allan T. Sponseller (Tel. 509-324-9256 x215; Fax 509-323-8979)  
Customer No. 22801

Sir:

In response to the Office Action of April 22, 2004, in connection with the above-identified application, the following remarks are submitted. Favorable consideration is respectfully requested.

A detailed listing of the claims is provided below. A status identifier is provided for each claim in a parenthetical expression following each claim number.